

Science Toolkit: Grade 4 Objective 3.E.1.b

Student Handout: Science: Grade 4 Objective 3.E.1.b

Standard 3.0 Life Science

Topic E. Flow of Matter and Energy

Indicator 1. Recognize food as the source of materials that all living things need to grow and survive.

Objective b. Describe what happens to food in plants and animals.

Contributes to growth

Supports repair

Provides energy

Is stored for future use

Is eliminated

Selected Response (SR) Item

Question

Use the information below to answer the following:

Brown-headed cowbirds are small birds found throughout North American grasslands and along edges of forests. For food, the brown-headed cowbirds rely on grazing animals to uncover insects and seeds.

When a female brown-headed cowbird sees eggs in the nest of another bird, she lays her own egg in the nest. She usually chooses nests with eggs that are smaller than hers. The other bird species then raises the brown-headed cowbird hatchling. The brown-headed cowbird hatchling grows quickly and is larger than the other hatchlings in the nest.

The brown-headed cowbird often lays eggs in the nest of the yellow warbler. The yellow warbler lives near forests, builds nests in trees and thick brush, and eats insects and fruit.



Female Brown-headed Cowbird



Yellow Warbler Nest

When a brown-headed cowbird eats seeds and insects, most of the food is

- A. changed to waste
- B. digested and used for energy
- C. digested and stored for future use
- D. changed to sugar by the energy of the sun

Correct Answer

B. digested and used for energy

Question

Use the information below to answer the following:

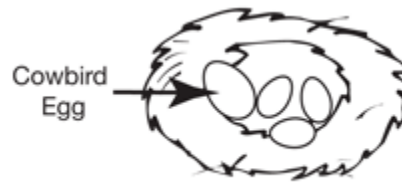
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